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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Lester Ludwig et al. Confirmation No.: 8319
Serial No.: 10/722,051 Art Unit: 2153
Filed: November 26, 2003 Examiner: Reilly, Sean M.
For: **SYSTEM FOR REAL-TIME
COMMUNICATION BETWEEN
PLURAL USERS** Attorney Docket No.: A8681

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

1. Enclosures accompanying this Information Disclosure Statement are:
 - 1a. A list of all patents, publications, applications, or other information submitted for consideration by the office.
 - 1b. A legible copy of :
 - Each U.S. patent application publication and U.S. and foreign patent;
 - Each publication or that portion which caused it to be listed on the PTO-1449;
 - For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
 - all other information or portion which caused it to be listed on the PTO-1449.
 - 1c. An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.
 - 1d. Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.
2. This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):
 - Within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);

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- Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
- Before the mailing of the first Office action on the merits;
- Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

3. This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.

(Check either Item 3a or 3b)

3a. The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.

3b. The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:
 enclosed
 to be charged to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 063330-5008-US).

(Item 3b to be checked if any reference known for more than 3 months)

4. This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.

(Check either Item 4a or 4b)

4a. The Certification Statement in Item 5 below is applicable.

4.b. The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:
 enclosed
 to be charged to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no.).

5. Certification Statement (applicable if Item 3a or Item 4a is checked)

(Check either Item 5a, 5b or 5c)

5a. In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

5b. Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.

5c. Pursuant to 37 C.F.R. §1.704(d), each item of information contained in this information disclosure statement was cited in a communication from a foreign

patent office in a counterpart application, and the communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.

6. Copies of each cited U.S. patent and each U.S. patent application publication are not enclosed pursuant to the USPTO OG Notice dated 05 August 2003 waiving the requirement under 37 C.F.R. 1.98(a)(2)(i) for U.S. patent applications filed after June 30, 2003.
7. This application is a continuation application under 37 C.F.R. §1.53(b) or (d).

(Check appropriate Items 7a, 7b and/or 7c)

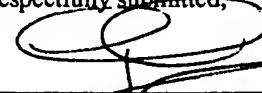
- 7a. A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
- 7b. Copies of publications listed on Form PTO-1449 from prior application Serial No. , filed on , of which this application claims priority under 35 U.S.C. §120, are not being submitted pursuant to 37 C.F.R. §1.98(d).
- 7c. Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No. , filed on , and are provided herewith.
8. This is a Supplemental Information Disclosure Statement. (Check Item 8a)
- 8a. This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on . A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on .
9. In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

(Check Item 9a, 9b, or 9c)

- 9a. satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 9b. set forth in the application.
- 9c. enclosed as an attachment hereto.
10. The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 063330-5008-US).

11. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,



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(Reg. No.)

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INFORMATION DISCLOSURE CITATION				<i>Complete If Known</i>	
PTO-1449				Application Number	10/722,051
				Filing Date	November 26, 2003
				First Named Inventor	Lester Ludwig et al.
				Art Unit	2153
				Examiner Name	Reilly, Sean M.
Sheet	1	of	1	Attorney Docket Number	A8681

OTHER NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		ADDEO, E.J., "An Experimental Multi-Media Bridging System," Bell Communications Research, pages 236-242
		ADDEO, E.J., "Personal Multi-Media Multi-Point Communication Services," IEEE Global Telecommunications Conference and Exhibition, Bell Communications Research, Pages 53-57
		AHUJA, S.R., "A Comparison of Application Sharing Mechanisms in Real-Time Desktop Conferencing Systems," AT&T Bell Laboratories, Holmdel, NJ, pages 238-248
		AHUJA, S.R., "The Rappaport Multimedia Conferencing System," AT&T Bell Laboratories, Holmdel, NJ, pages 1-8
		DOURISH, Paul, "Culture and Control in a Media Space," Rank Xerox EuroPARC, Cambridge, UK, The Proceedings of the Third European Conference on Computer Supported Work September 13-17, 1993
		ELLIS, C.A., "Groupware - Some Issues and Related Experiences," Communications of the ACM, January 1991, Vol. 34, No.1, pages 39-58
		GIBBS, S.J., "LIZA: An Extensible Groupware Toolkit," MCC, Software Technology Program, Austin, TX, pages 29-35
		GOLDBERG, Yaron, "Active Mail: A Framework for Implementing Groupware," Feinberg Graduate School thesis, November 1991
		GREENBERG, Saul, "Issues and Experiences Designing and Implementing Two Group Drawing Tools," Proceedings of the 25th Annual Hawaii International Conference on the System Sciences, Hawaii, January 1992, Vol. 4, pages 139-150
		KIRSCH, T., "Communication Support for Cooperative Work," Computer Communications, September 1993, Vol. 16, No. 9, pages 594-602
		LAKSHAMN, K., "Design and Implementation of a Multimedia Protocol Suite in a BSD Unix Kernel," 1993 Summer USENIX, June 21-25, 1993, Cincinnati, OH, pages 129-146
		LICHTY, Tom, "America Online Tour Guide," Macintosh Edition, Version 2, Preface, pages 5-6 and 70-72, Ventana Press
		NEWMAN-WOLFE, R.E., "A Brief Overview of the DCS Distributed Conferencing System," USENIX, Summer 1991, Nahville, TN, pages 437-451
		POGGIO, A., "CCWS: A Computer-Based, Multimedia Information System," IEEE Computer Society, October 1985, pages 92-103
		SALIN, Peter, "Mobile Instant Messaging Systems-A Comparative Study and Implementation," Helsinki University of Technology, Espoo, September 21, 2004
		SOARES, L.F.G., "LAN Based Real Time Audio-Graphics Conferencing System," IEEE Infocom '89, April 1989, pages 617-623
		WHITMYER, Claude, "Groupware: The Software for Collaborative Computing," The Office, June 1989, page 28

Examiner Signature	1-PA/3587318.1	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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